

INTERNATIONAL SEARCH REPORT

International Application No
PCT/CA2004/001058

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B62B7/12 B62K27/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B62B B62K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 056 306 A (RUST ET AL) 2 May 2000 (2000-05-02) the whole document	1, 4, 14
A	US 6 193 252 B1 (LIN WAN-HSIN) 27 February 2001 (2001-02-27) the whole document	1, 4, 14
A	US 5 267 744 A (BERRY ET AL) 7 December 1993 (1993-12-07) the whole document	1, 4, 14
A	US 5 308 096 A (SMITH ET AL) 3 May 1994 (1994-05-03) the whole document	1, 4, 14
	----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

22 March 2005

Date of mailing of the international search report

08/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Cauderlier, F

INTERNATIONAL SEARCH REPORT

International Application No
PCT/CA2004/001058

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 611 560 A (THIMMIG ET AL) 18 March 1997 (1997-03-18) figures 1,12 -----	1,4,14
A	US 4 729 574 A (TIPKE ET AL) 8 March 1988 (1988-03-08) column 2, line 28 - line 60 figures -----	1,4,14
A	US 4 740 008 A (JOHNSON ET AL) 26 April 1988 (1988-04-26) abstract; figure 1 -----	1,4,14
A	DE 199 19 175 A1 (MASSOUD, REDWAN; MASSOUD, SABINE) 11 November 1999 (1999-11-11) the whole document -----	1,4,14

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/CA2004/001058

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6056306	A	02-05-2000	NONE	
US 6193252	B1	27-02-2001	NONE	
US 5267744	A	07-12-1993	NONE	
US 5308096	A	03-05-1994	CA 2030863 A1	27-05-1992
US 5611560	A	18-03-1997	US 6017051 A	25-01-2000
US 4729574	A	08-03-1988	NONE	
US 4740008	A	26-04-1988	NONE	
DE 19919175	A1	11-11-1999	DE 29807651 U1	15-10-1998